



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Wednesday September 9, 2020

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



- **Heavy rain/flash flooding possible over SW TX today into Thursday.**
- **Snow continues in N NM through tonight; travel impacts possible.**
- **Tropical Storm Paulette and Tropical Depression Rene are not expected to have any impacts to Region 6.**
- **Another tropical wave is forecast to emerge off the west coast of Africa on Thursday; tropical depression likely to form late this week/this weekend.**

FEMA Region 6 Threat Matrix

Sep 9, 2020 - Sep 13, 2020



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| DAY / THREAT | Wed | Thu | Fri | Sat | Sun |
|--------------------------------|-------|-------|-------|-------|-------|
| Severe Storms | | | | | |
| Heavy Rain / Flash Flooding | SW TX | SW TX | | | |
| Fire Weather | | | | | |
| Tropical Winds / Surge | | | | | |
| Winter Weather | N NM | | | | |
| River Flooding | NE AR | NE AR | NE AR | NE AR | NE AR |

| | |
|--|-----------------------------------|
| | No Weather Threats Expected |
| | Very Common – Happens Often |
| | Common – Happens Frequently |
| | Uncommon – A Few Times a Year |
| | Rare – Once Every 1-5 Years |
| | Very Rare – Once Every 5-10 Years |

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf

See next slide for more information



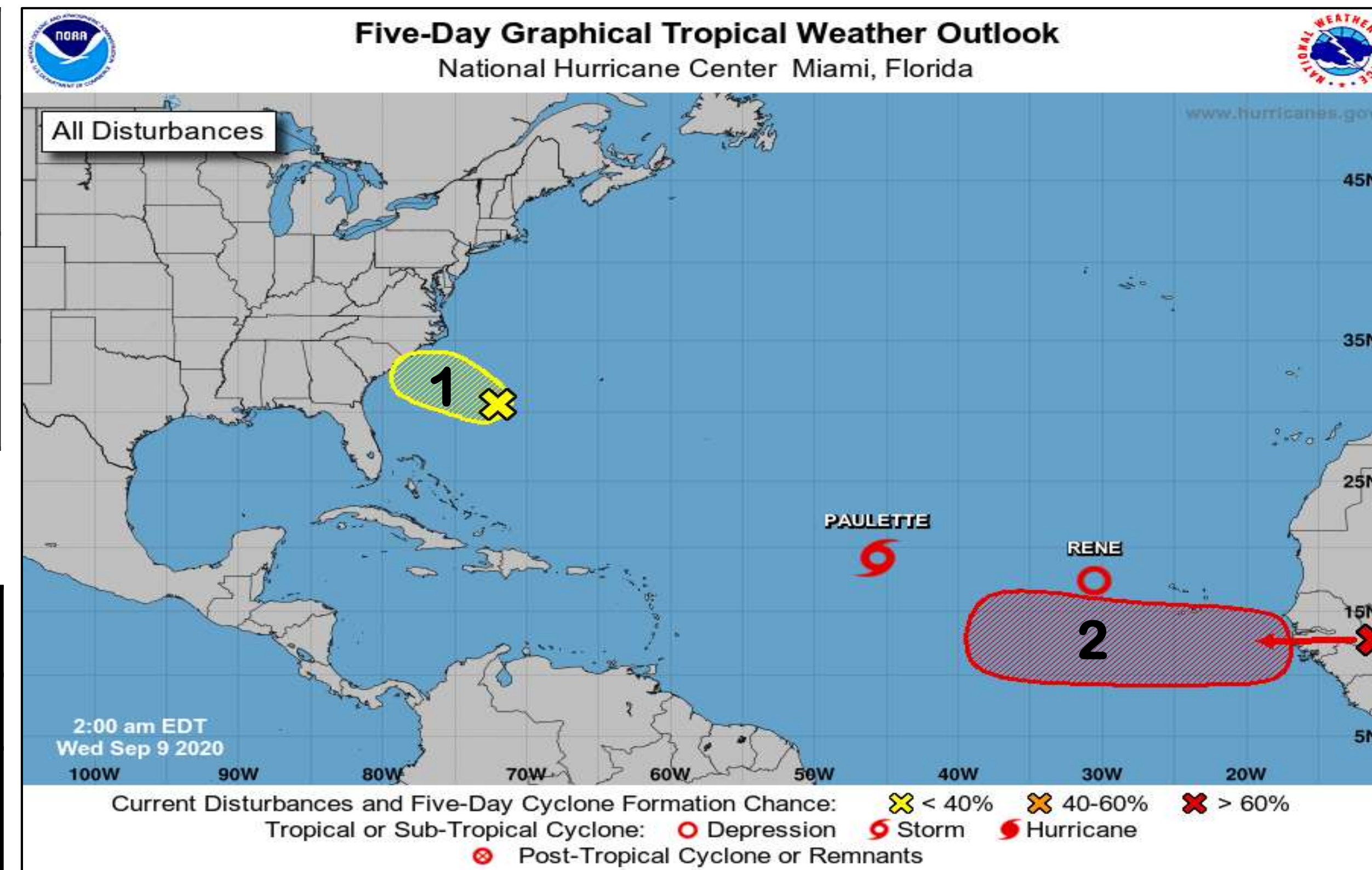
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Areas of Possible Development

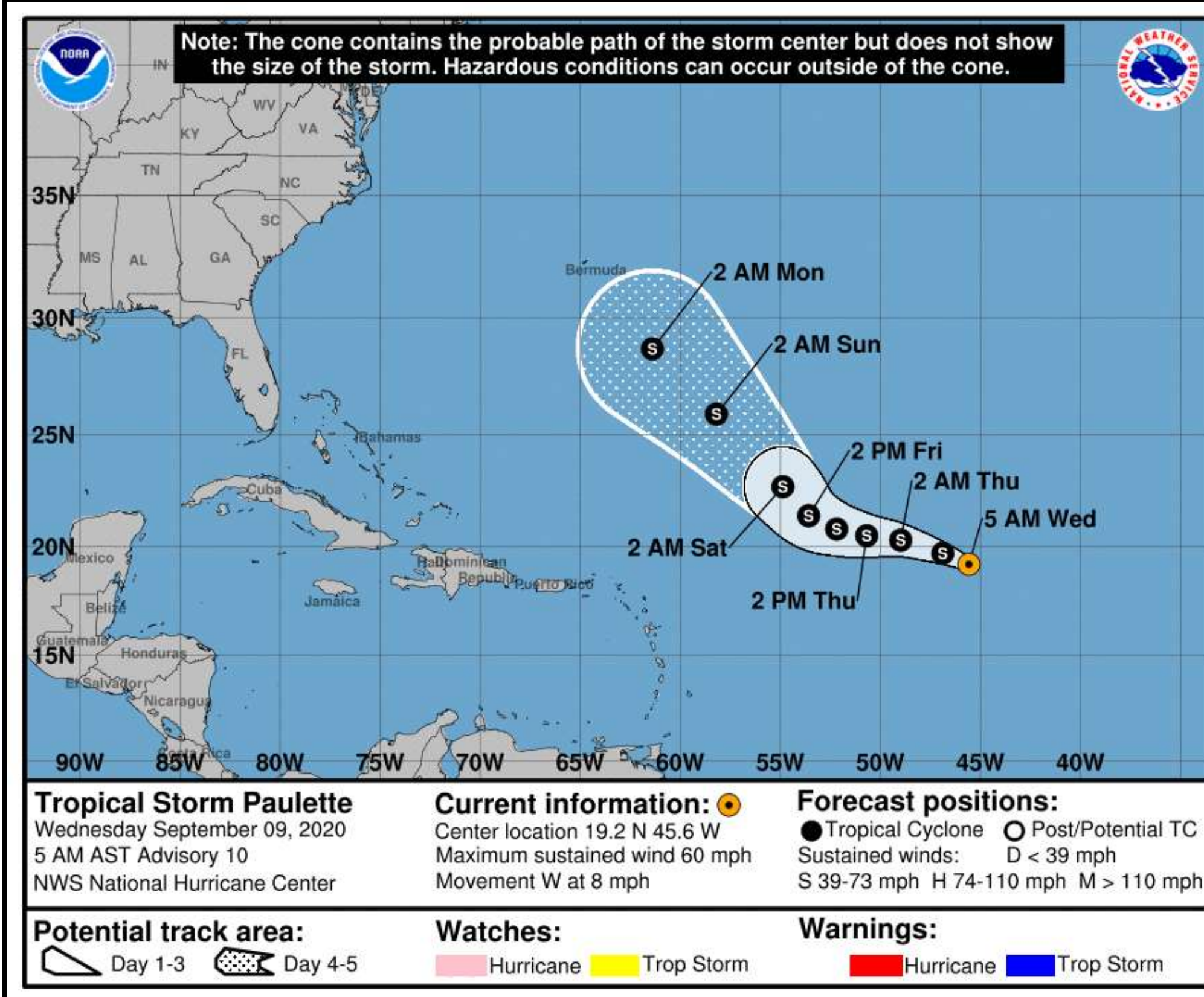
| Area | Chance of Development | Potential Impacts to FEMA 6 |
|------|-----------------------|-----------------------------|
| 1 | Low | None. |
| 2 | High | None in the next 5 days. |

Active Tropical Cyclones

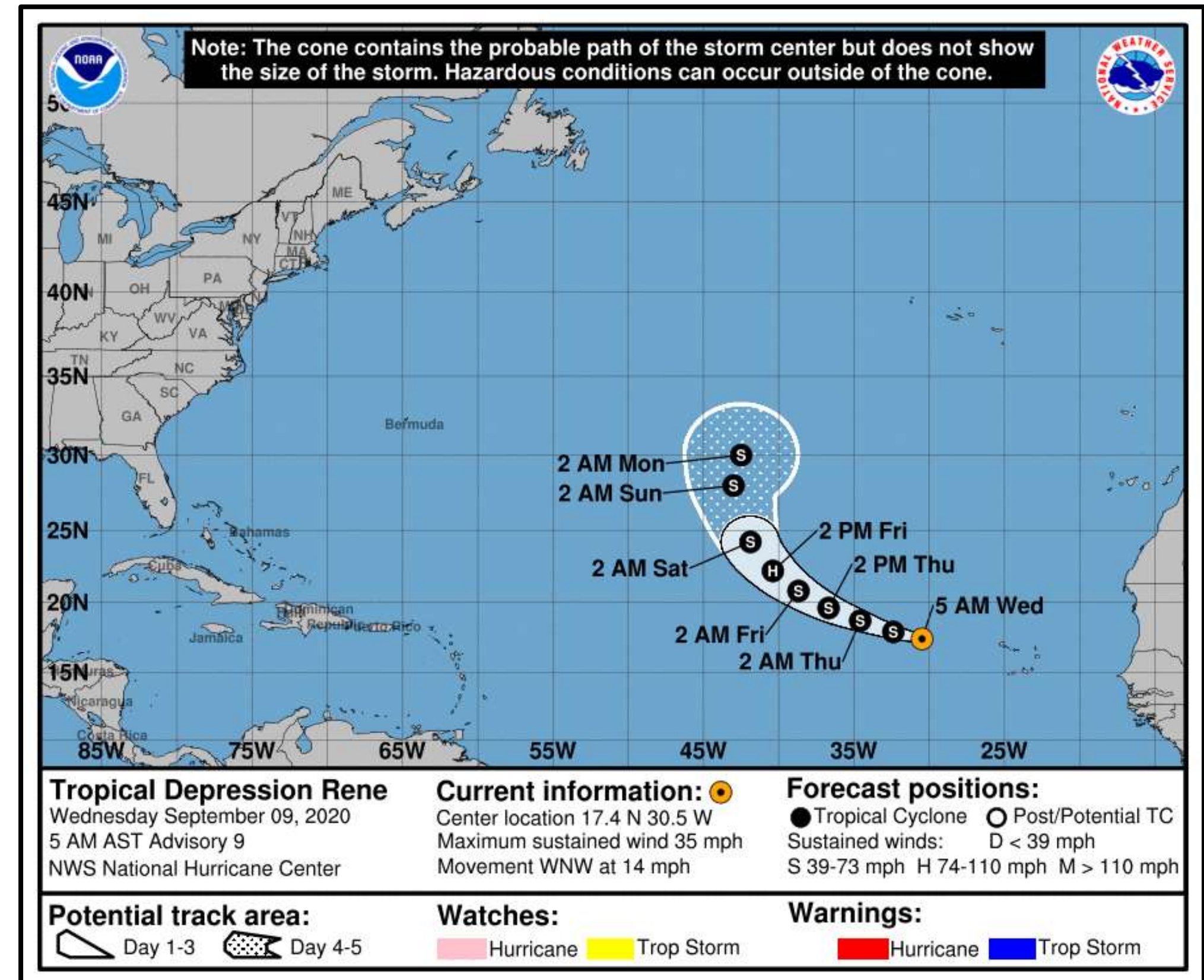
| Storm | Potential Impacts to FEMA 6 |
|----------|-----------------------------|
| Paulette | None expected. |
| Rene | None expected. |



Tropical Storm Paulette is moving west this morning, with a slightly faster motion towards the west-northwest later today. No immediate U.S. impacts.



Tropical Depression Rene is expected to regain tropical storm status later today as it moves to the west-northwest for the next few days. No impacts to the U.S. expected.

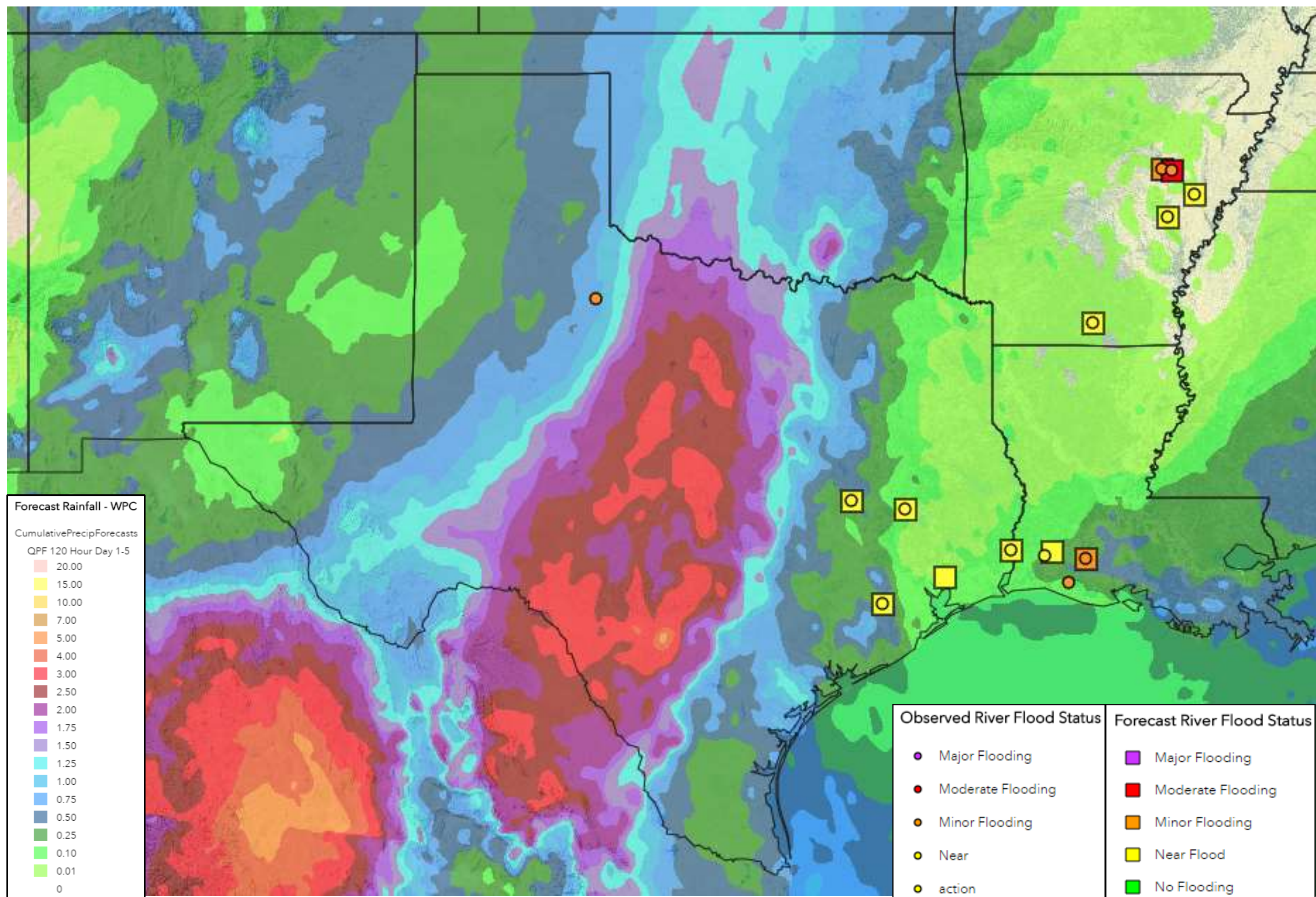


5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

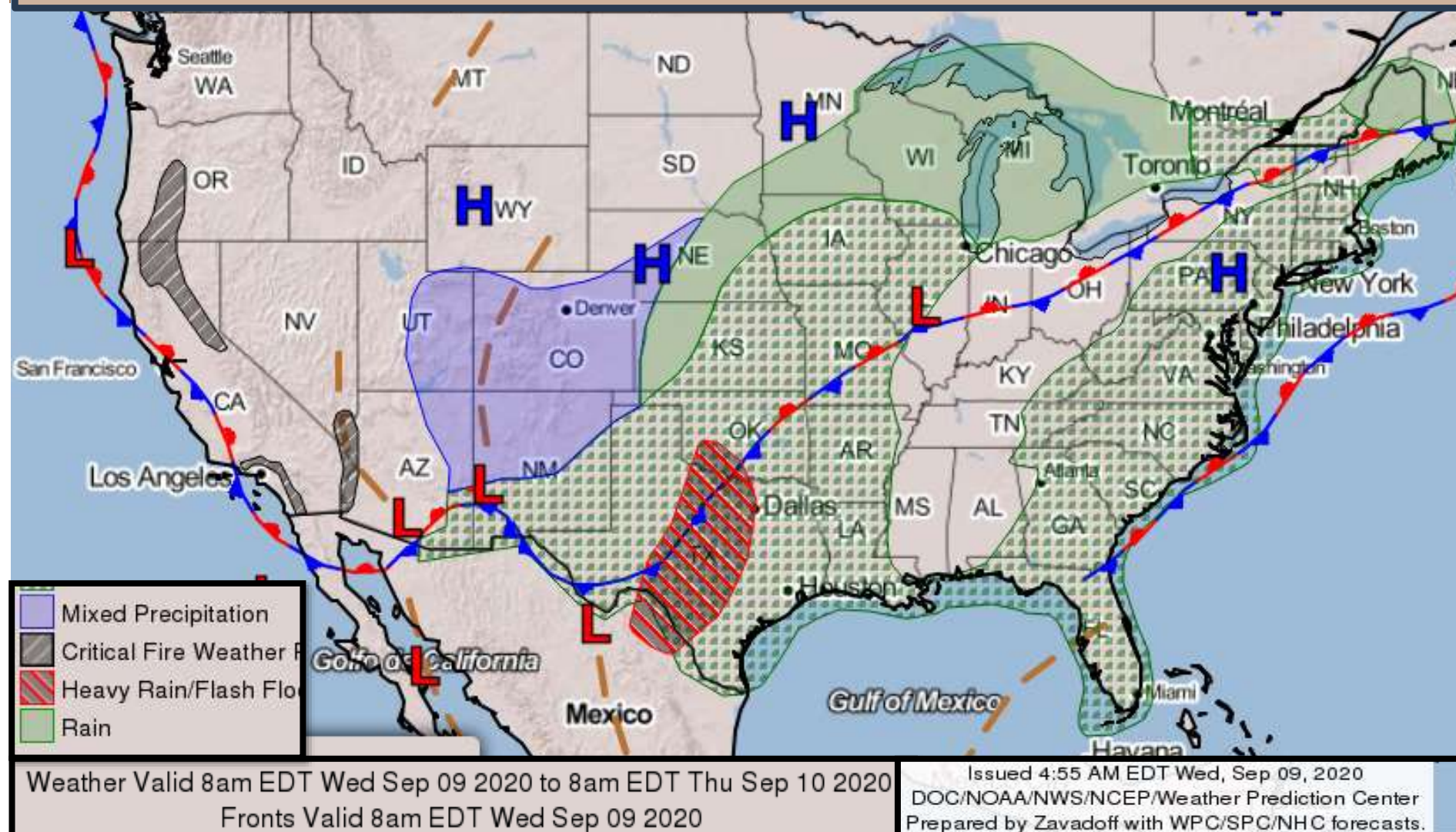


The Cache River at Patterson in NE AR remains near moderate flood. Water near homes on Pine Street in Patterson. Many acres of cropland, pastures, and timberland flooded in Craighead, Jackson, and Woodruff counties.

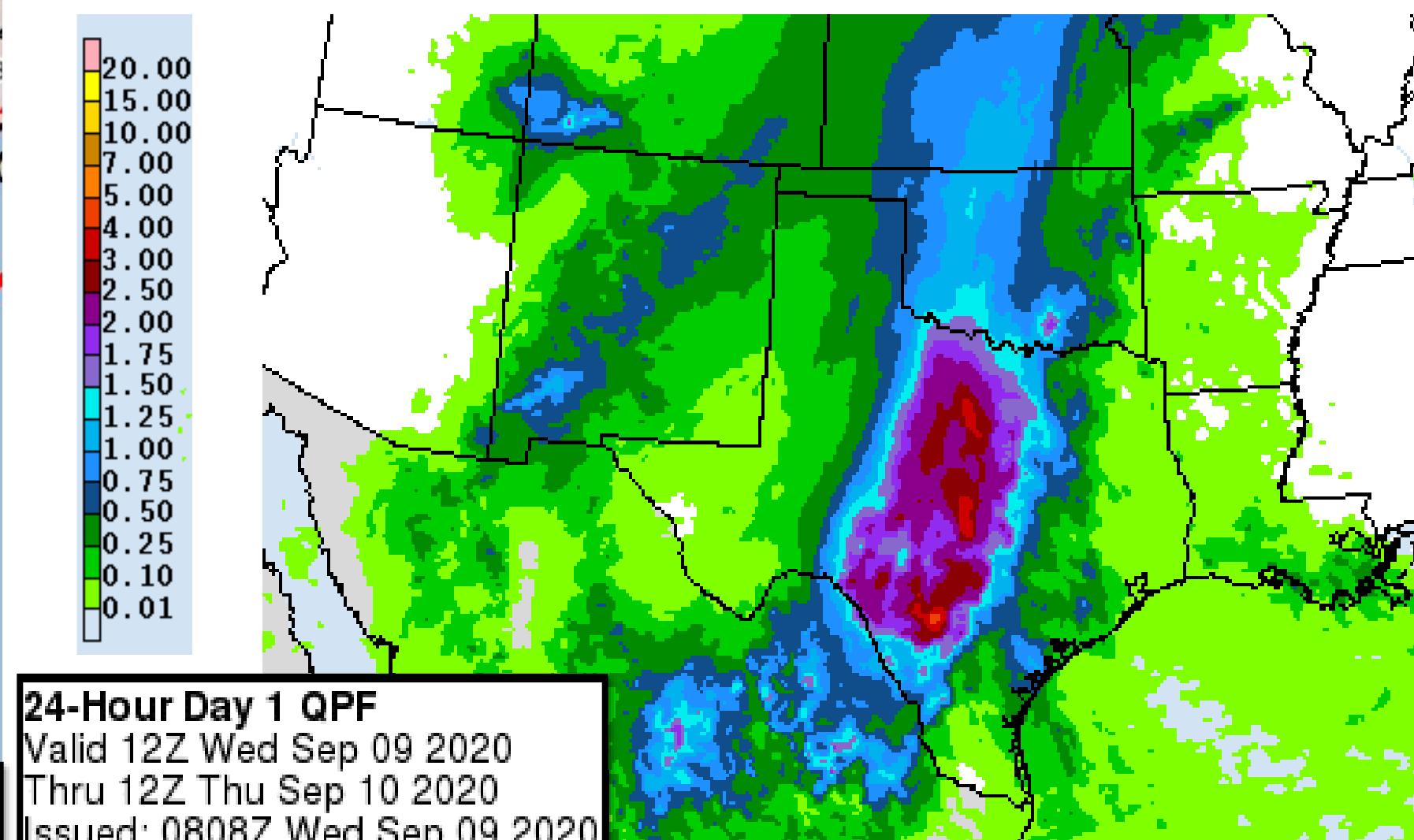
The forecast rainfall over TX today and tonight is not expected to result in significant river flooding. Many of these areas are drought stricken, so this will be welcome rainfall. Minor river flooding is possible, mainly on the Upper Brazos, Upper Colorado, Pecos and tributaries to the Rio Grande.

Today's Weather

Forecast Chart



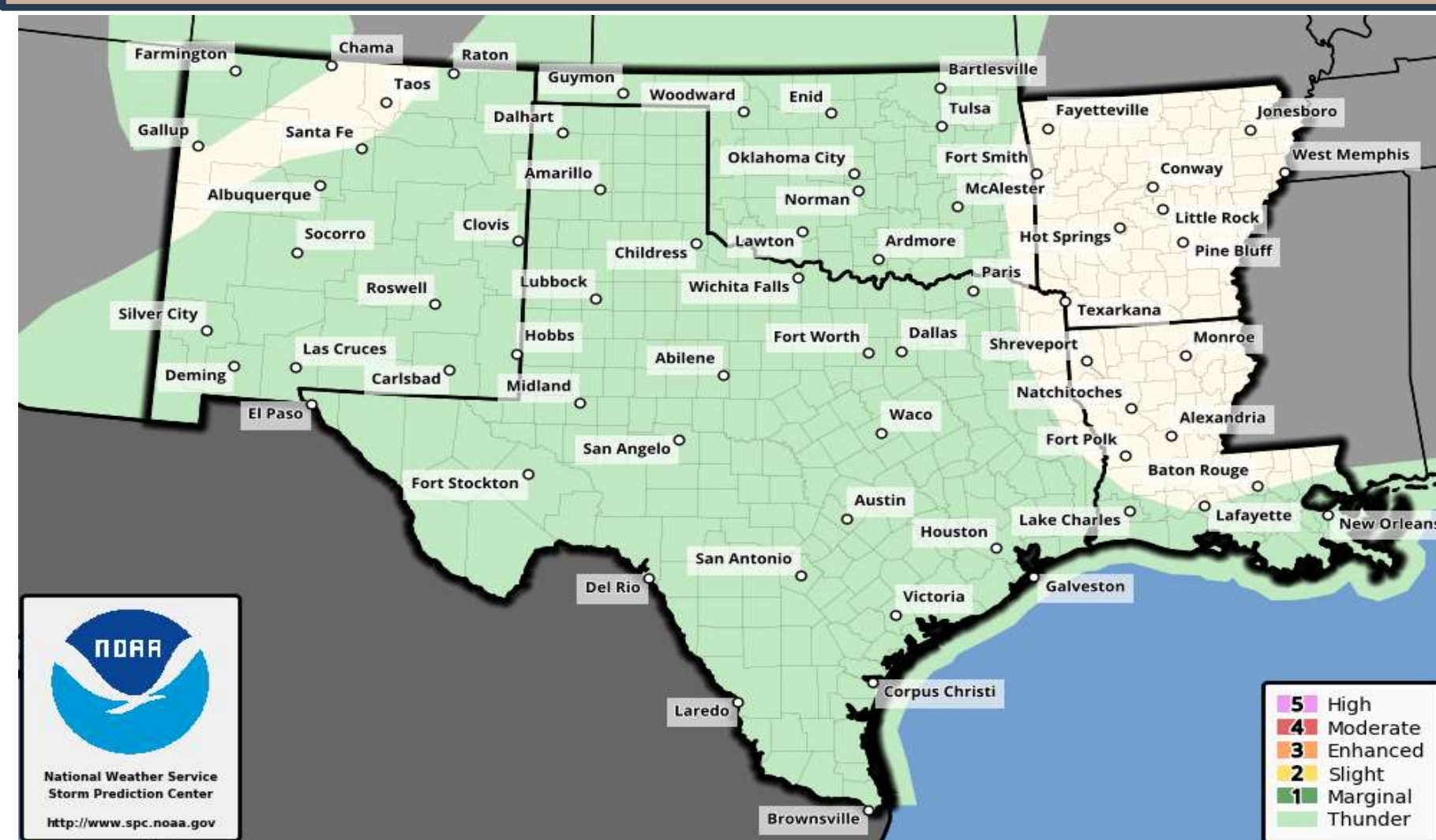
Forecast Rainfall



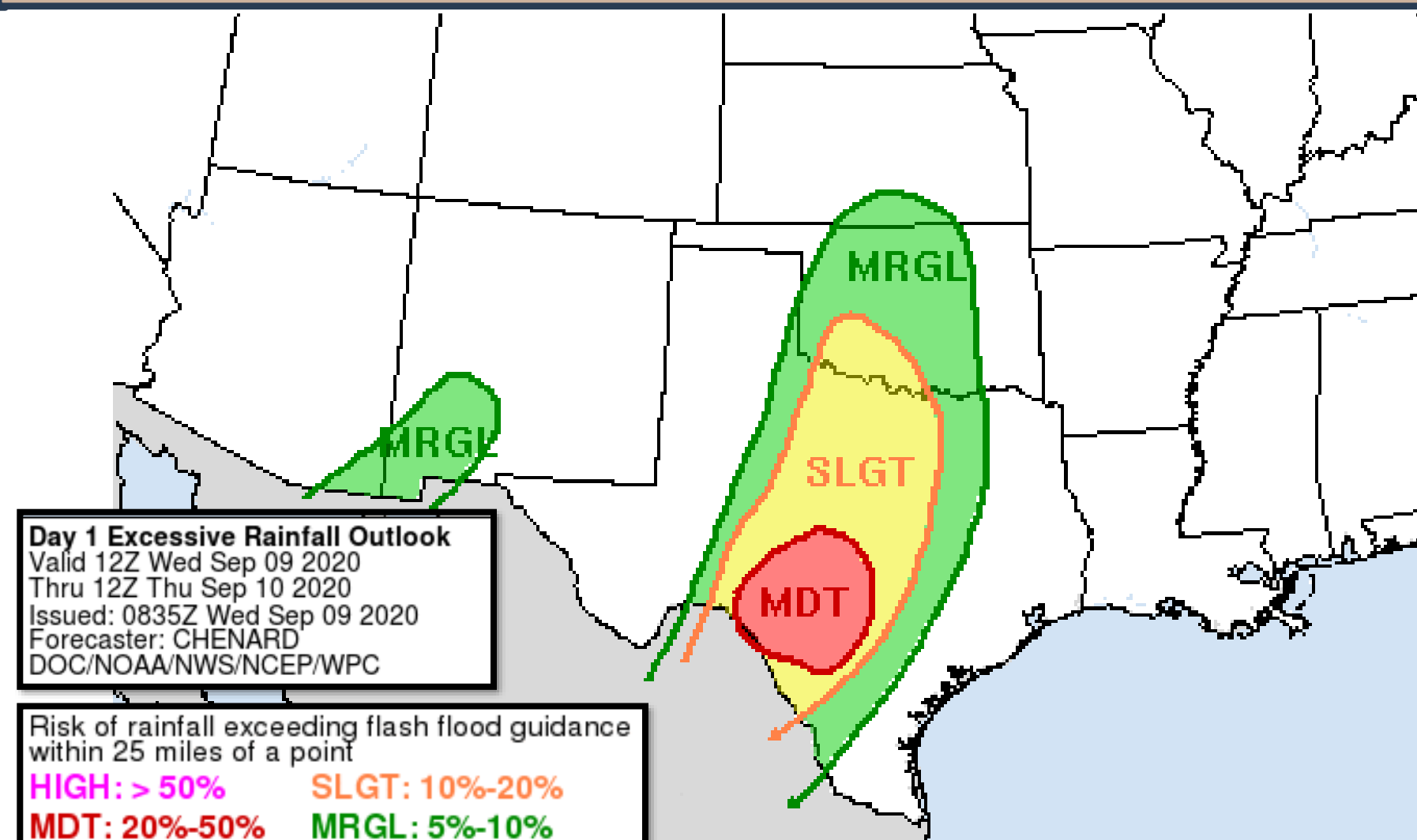
Heavy rain/flash flooding possible over SW TX today and tonight.

Snow accumulations with travel impacts in N NM.

Severe Weather Outlook



Excessive Rainfall Outlook



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Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards

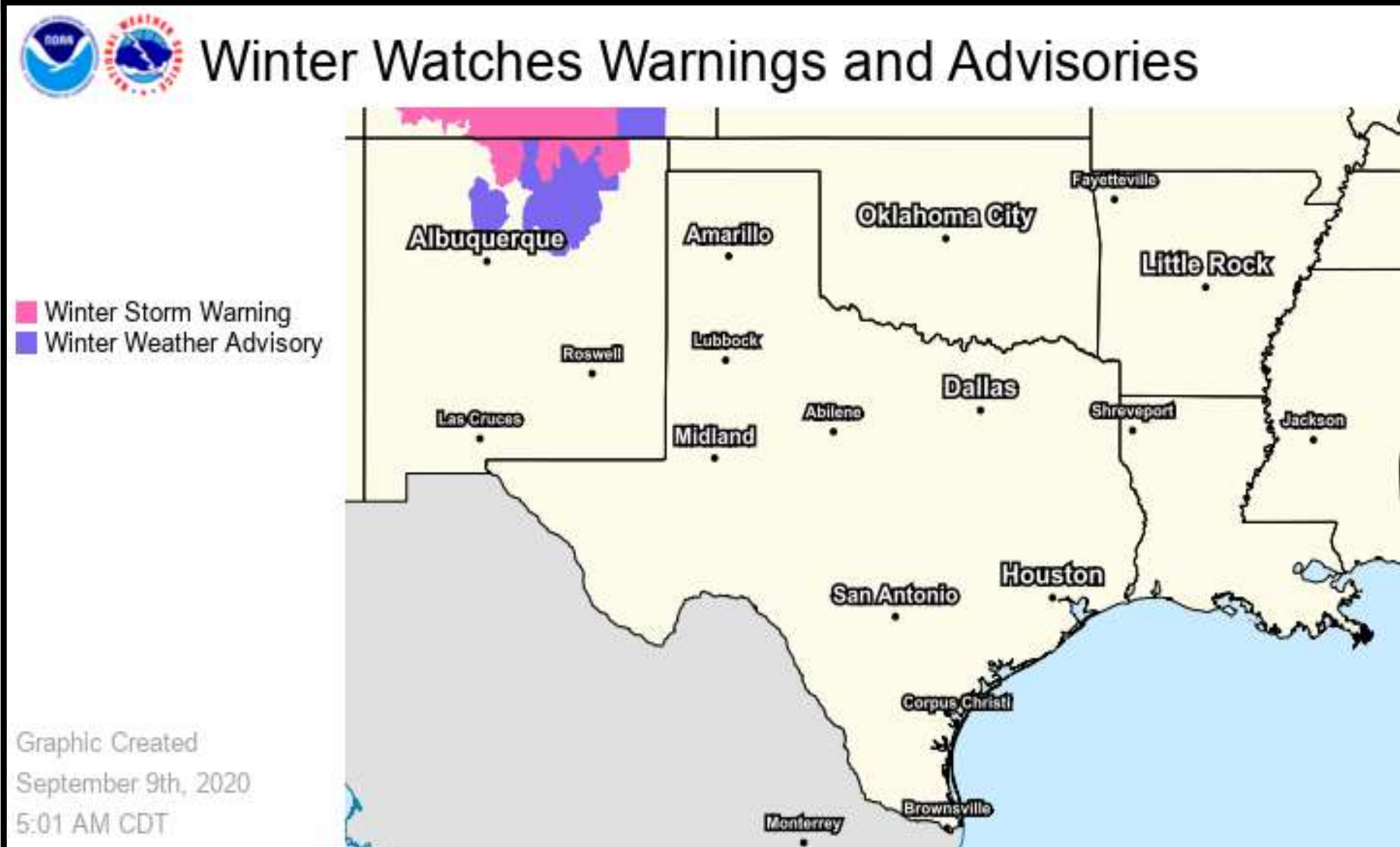


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Winter Weather Advisories and Winter Storm Warnings in effect through this evening over N NM.

Flash Flood Watches in effect over SW TX through Thursday afternoon.



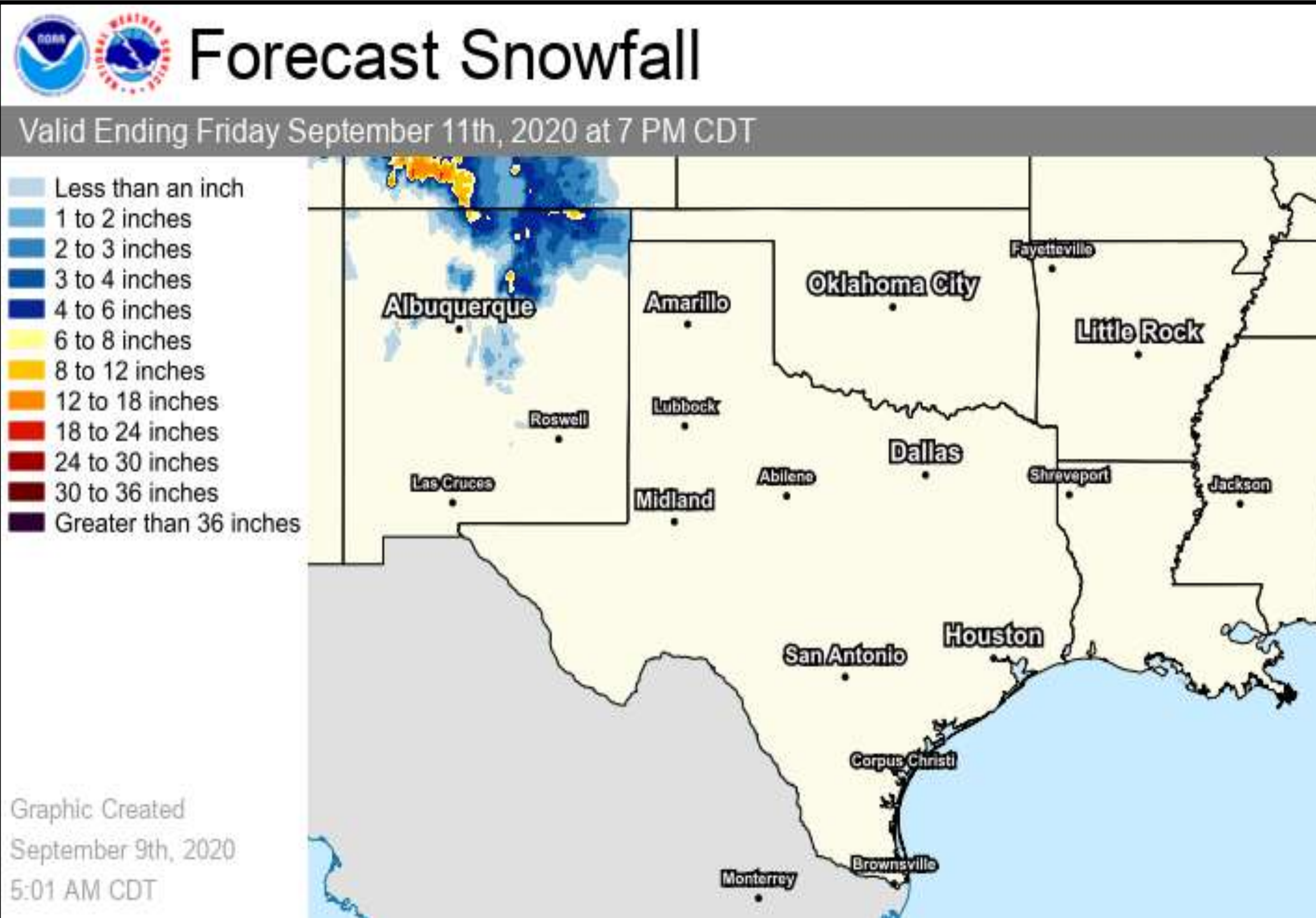
Winter Weather

Wednesday - Friday

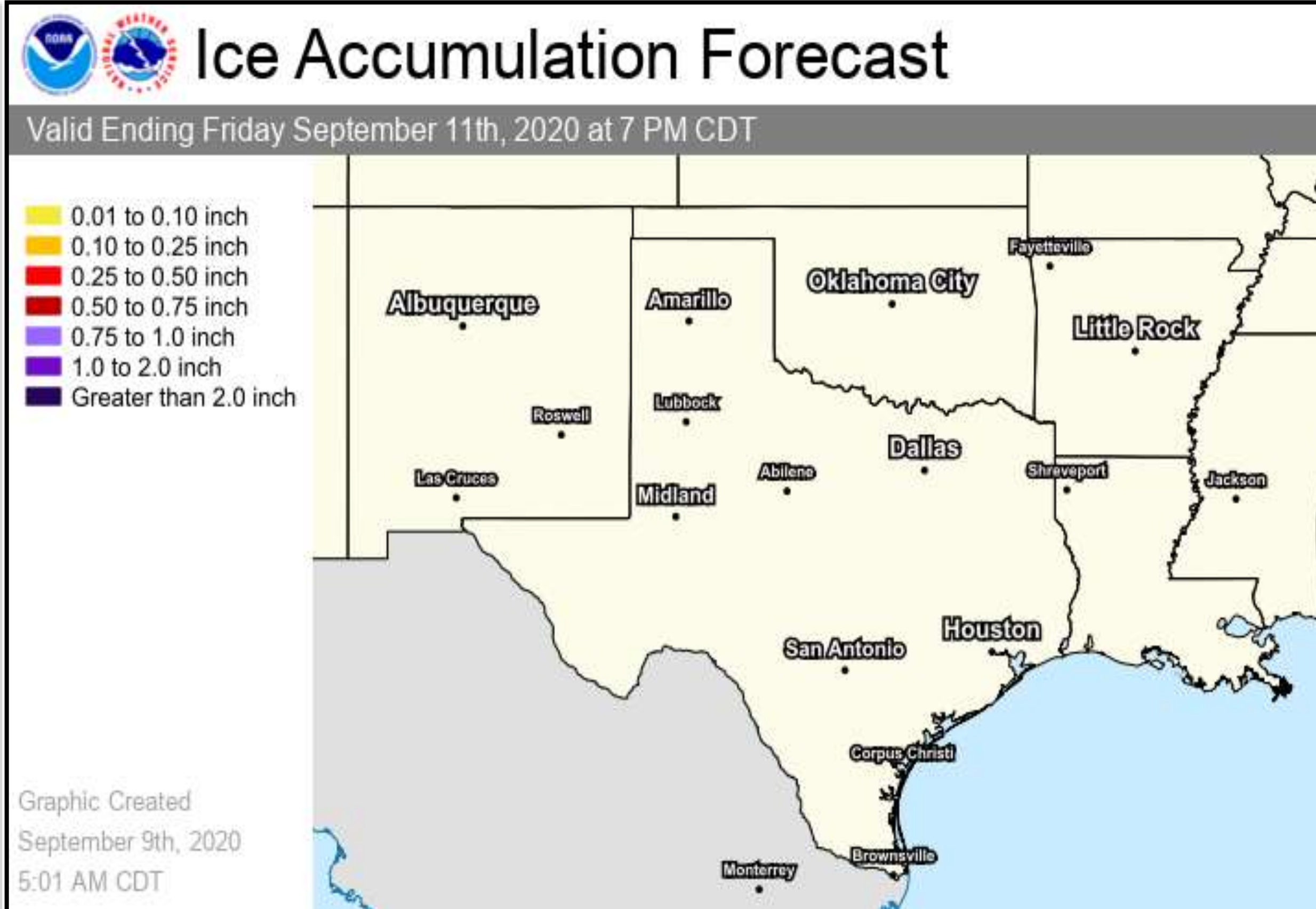


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Forecast Snow Amounts



Forecast Ice Amounts

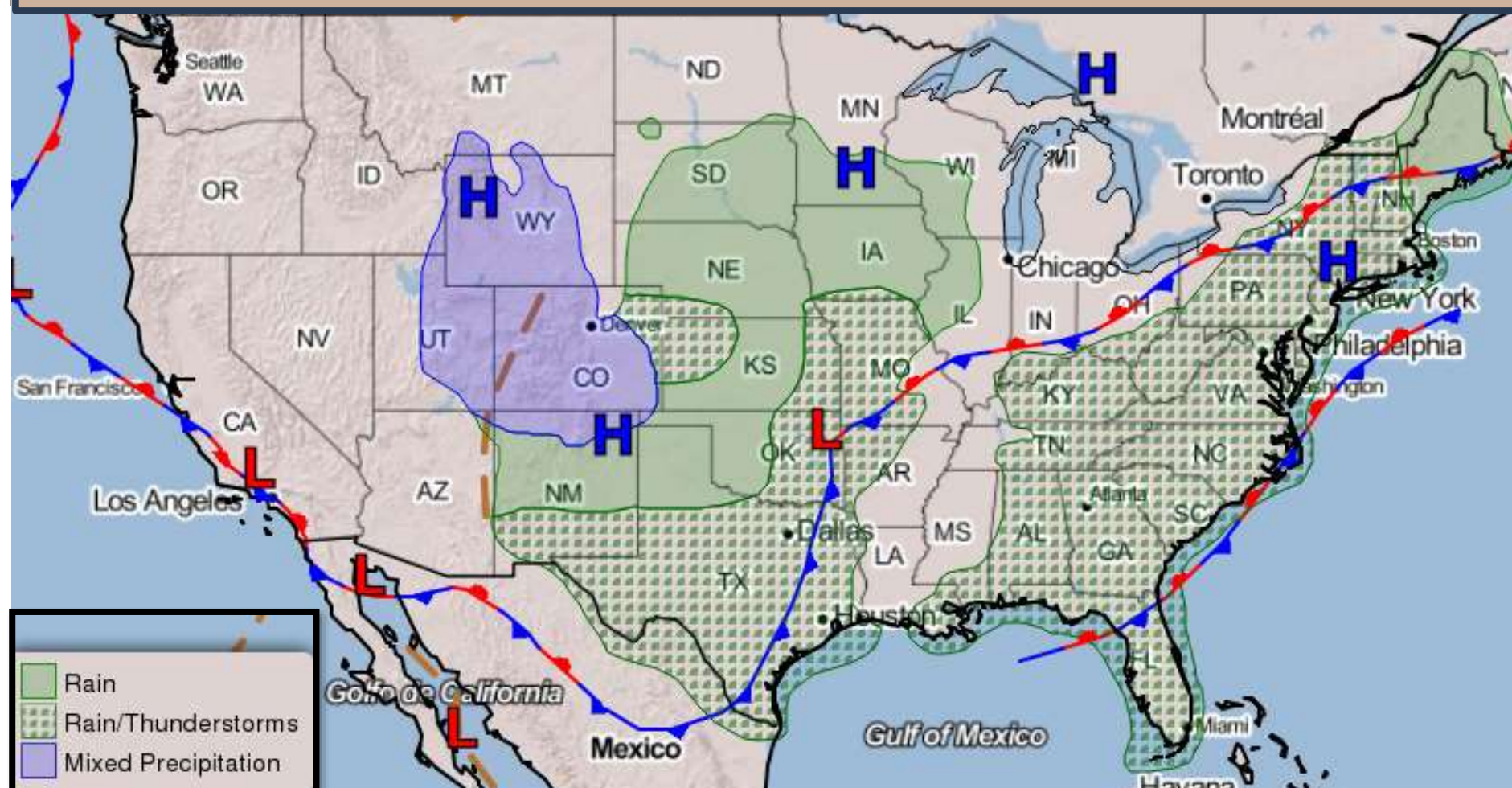


Tomorrow's Weather



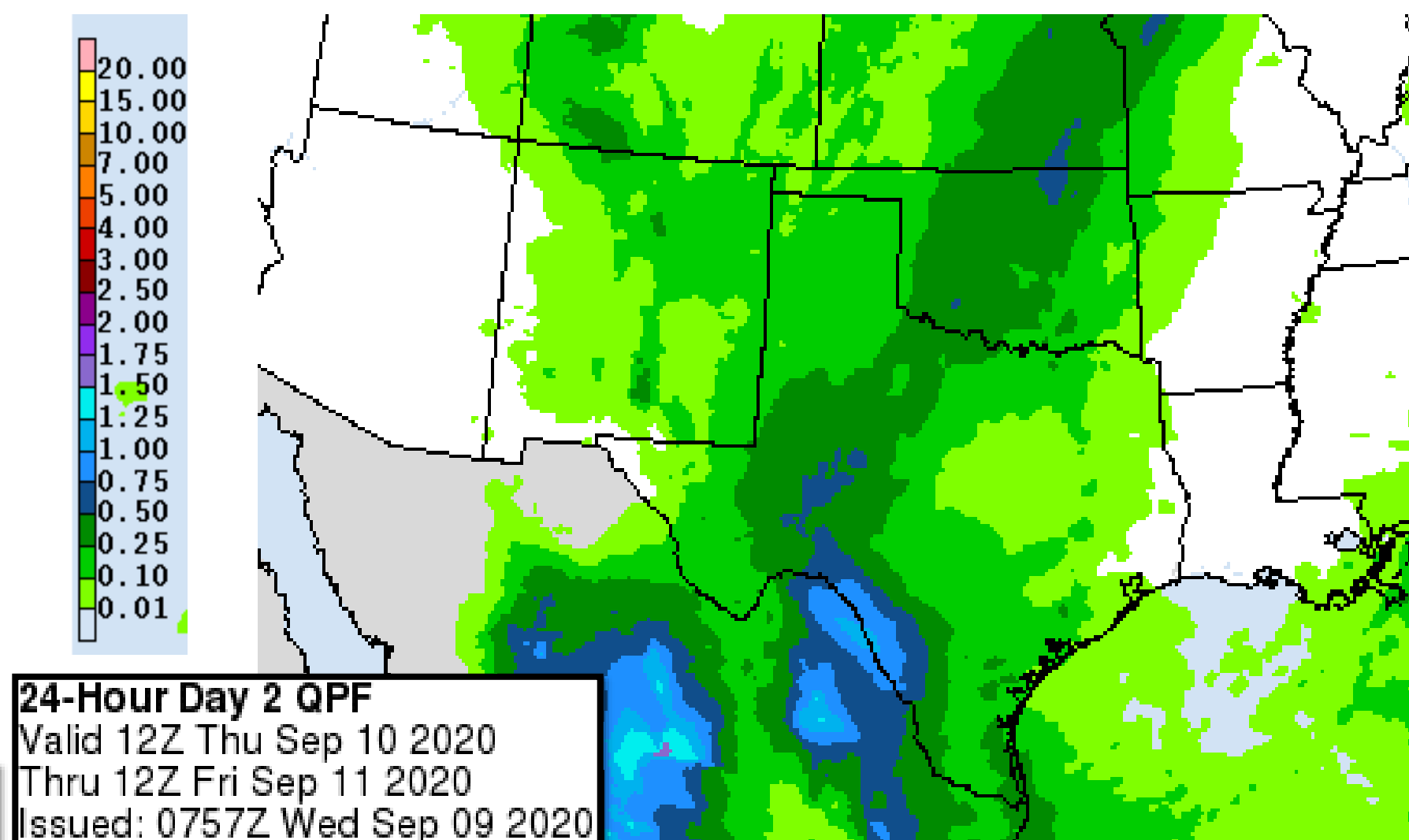
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Forecast Chart



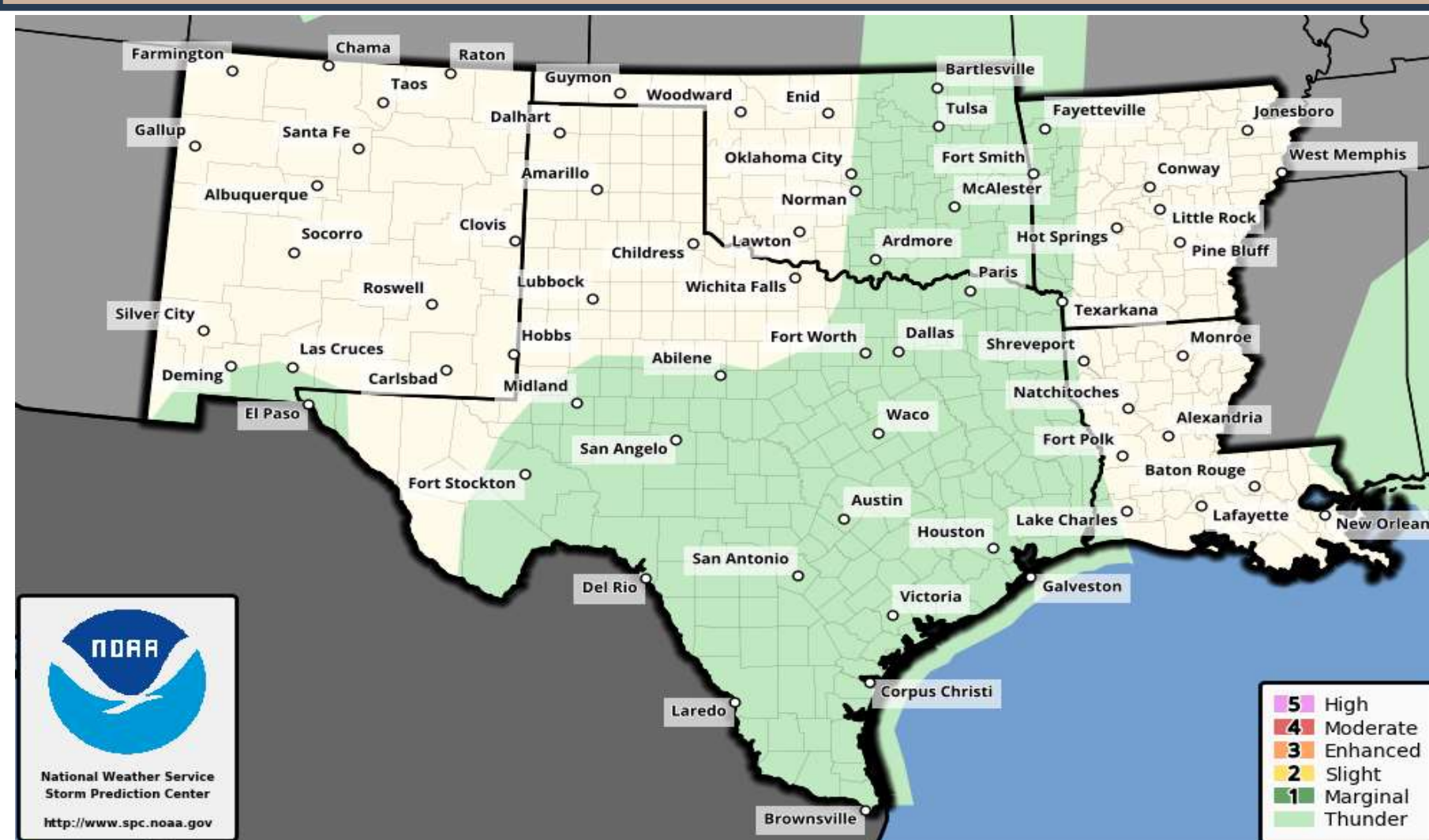
Weather Valid 8am EDT Thu Sep 10 2020 to 8am EDT Fri Sep 11 2020
Fronts Valid 8am EDT Thu Sep 10 2020
Issued 4:57 AM EDT Wed, Sep 09, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Zavodoff with WPC/SPC/NHC forecasts.

Forecast Rainfall

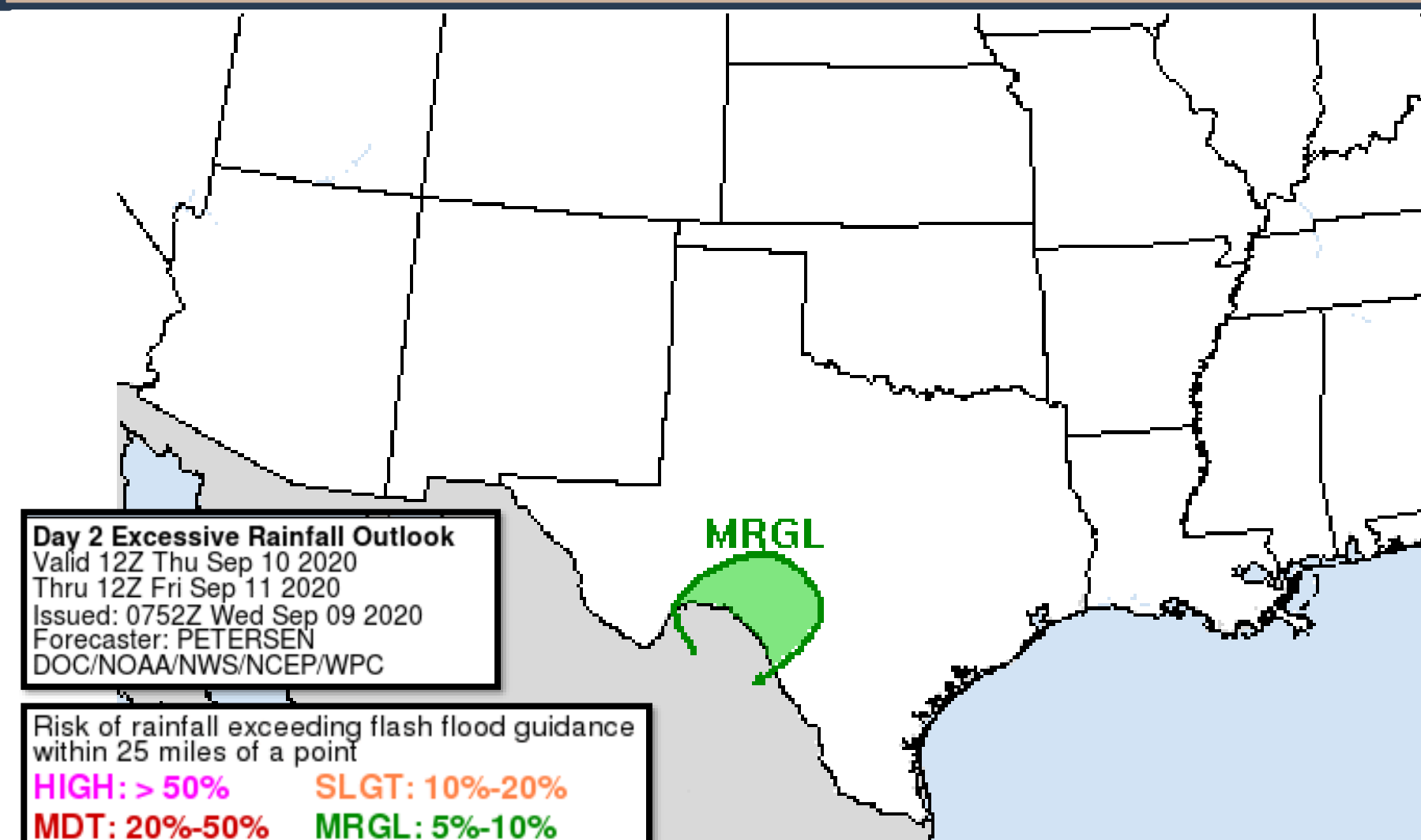


Isolated heavy rainfall/flash flooding over SW TX.

Severe Weather Outlook



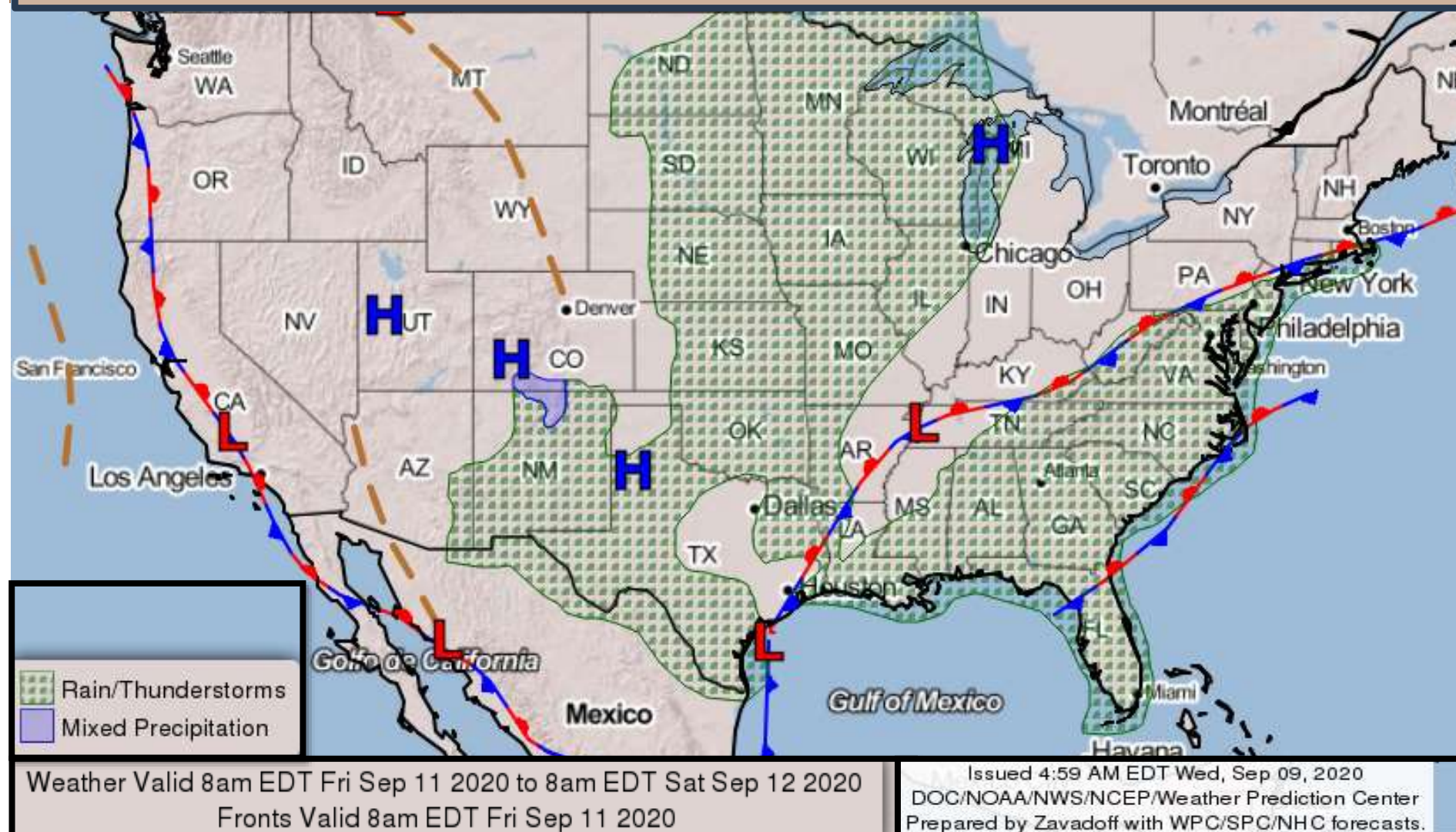
Excessive Rainfall Outlook



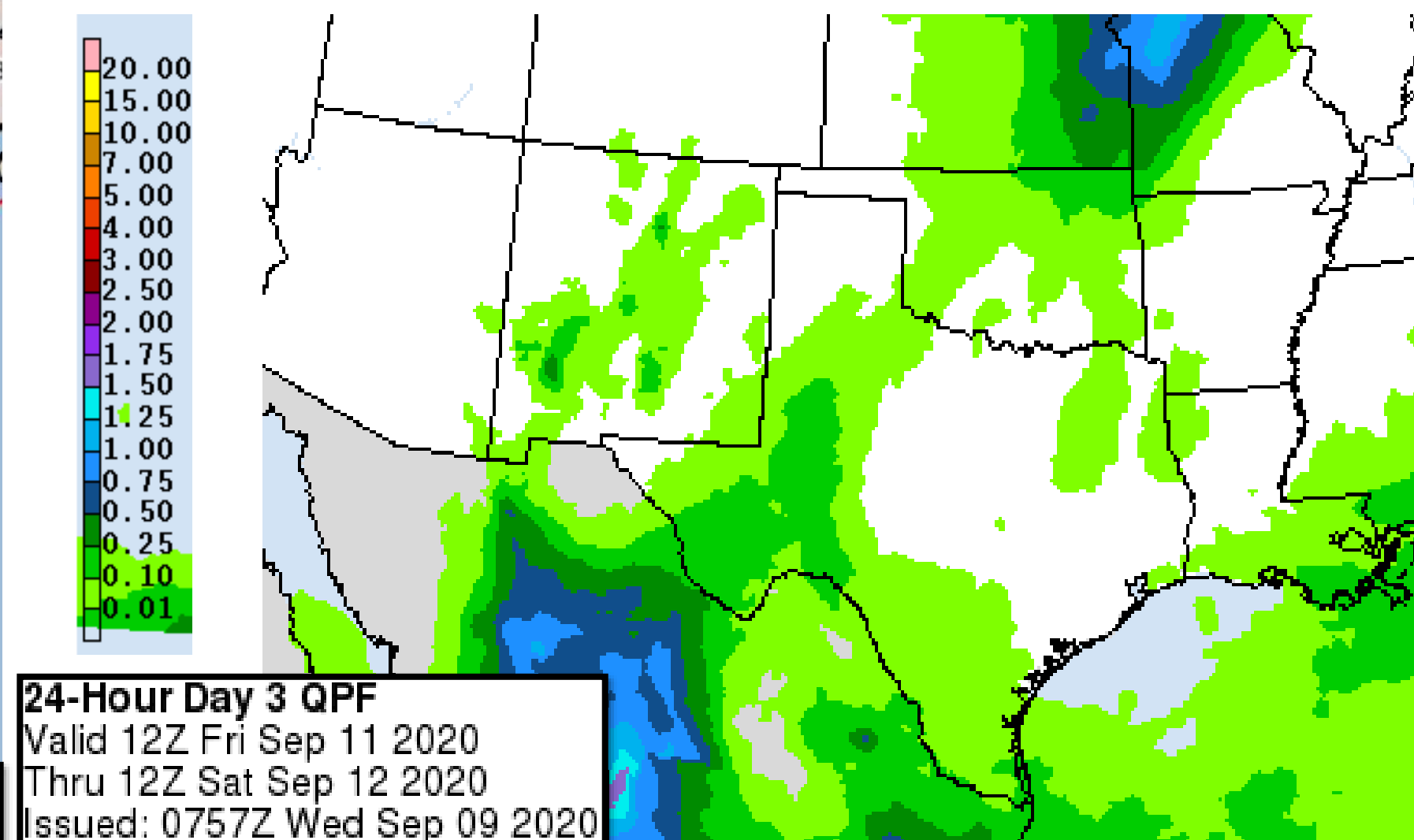
Risk of rainfall exceeding flash flood guidance within 25 miles of a point
HIGH: > 50% SLGT: 10%-20%
MDT: 20%-50% MRGL: 5%-10%

Friday's Weather

Forecast Chart



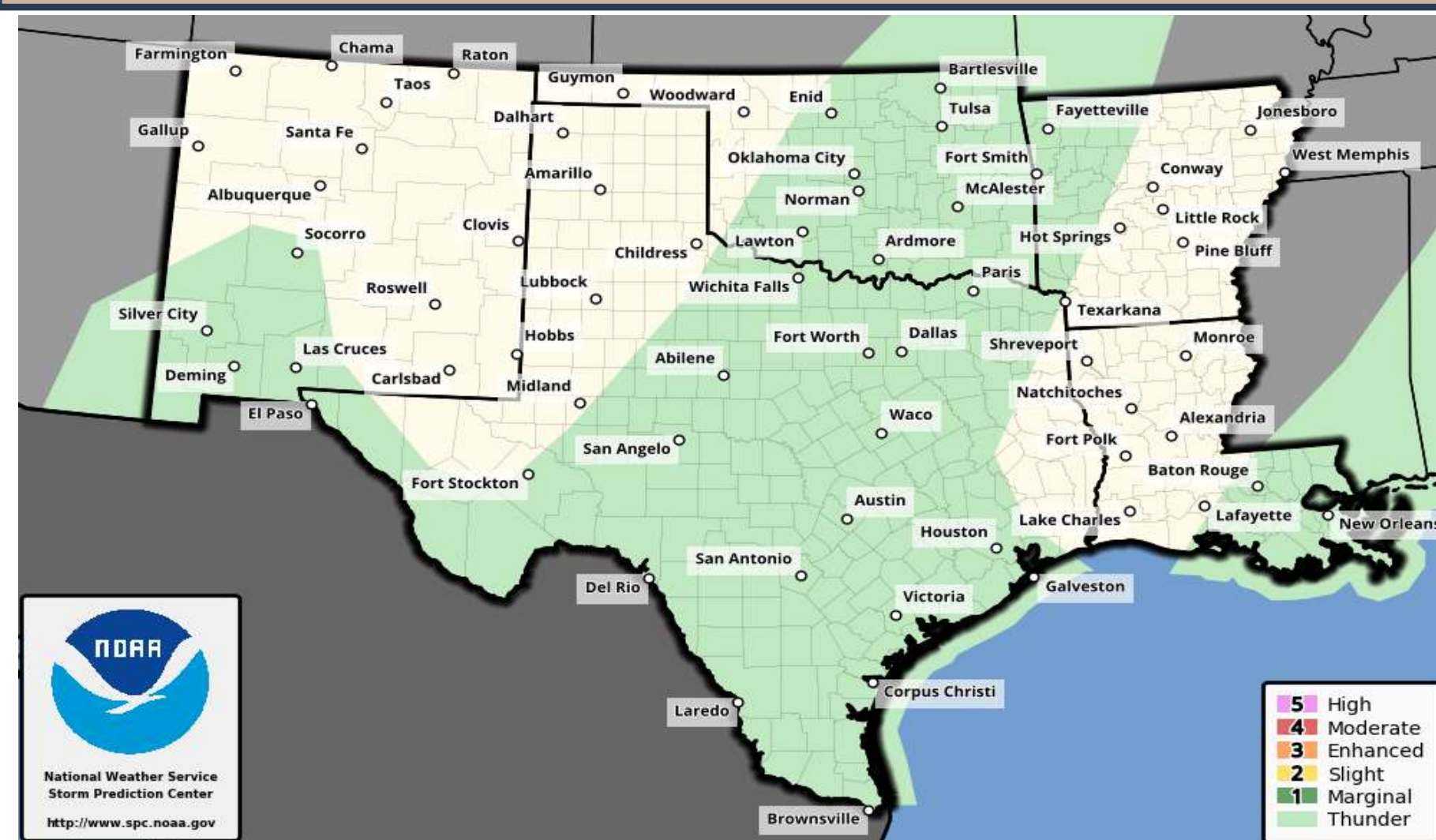
Forecast Rainfall



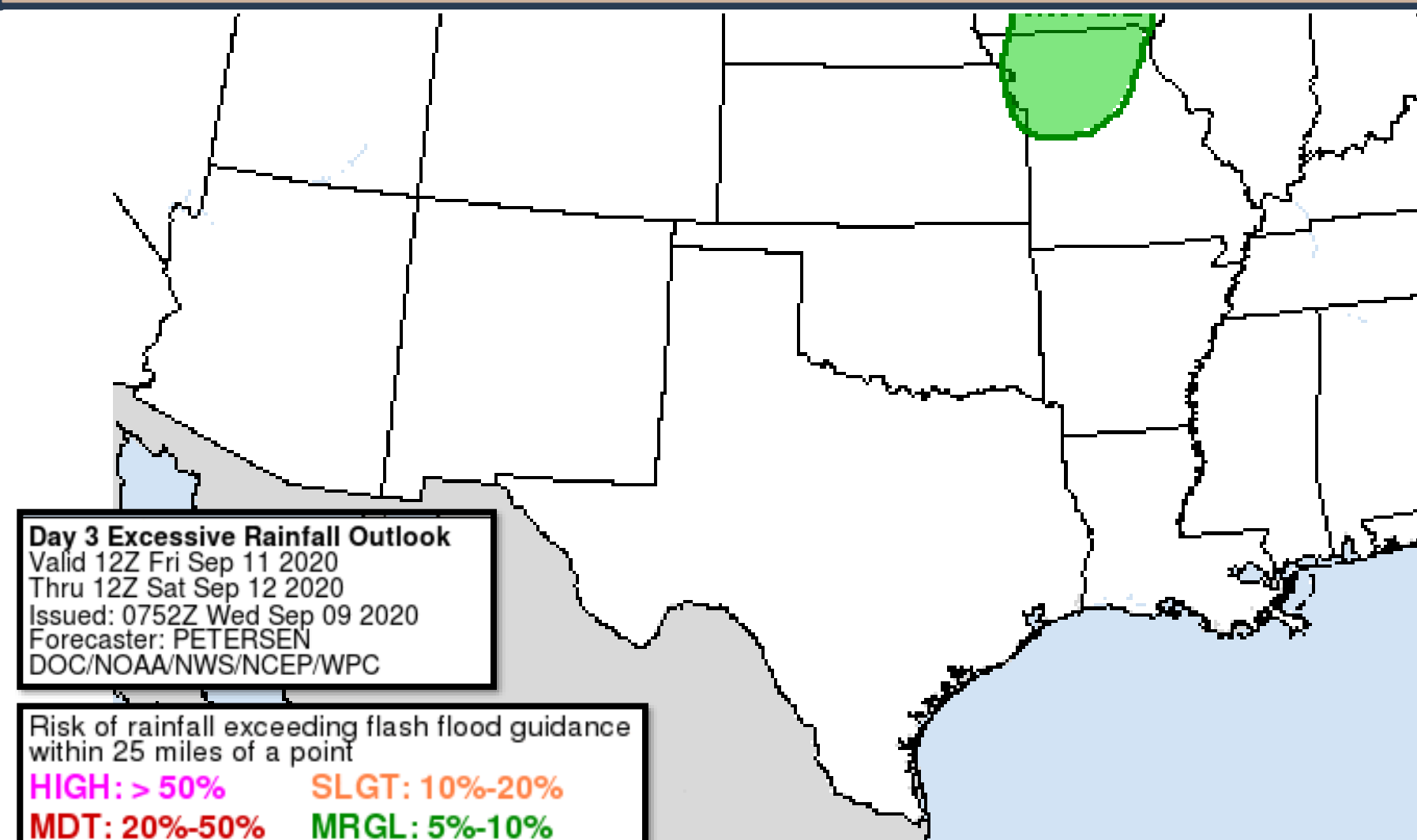
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No significant weather
expected.

Severe Weather Outlook



Excessive Rainfall Outlook



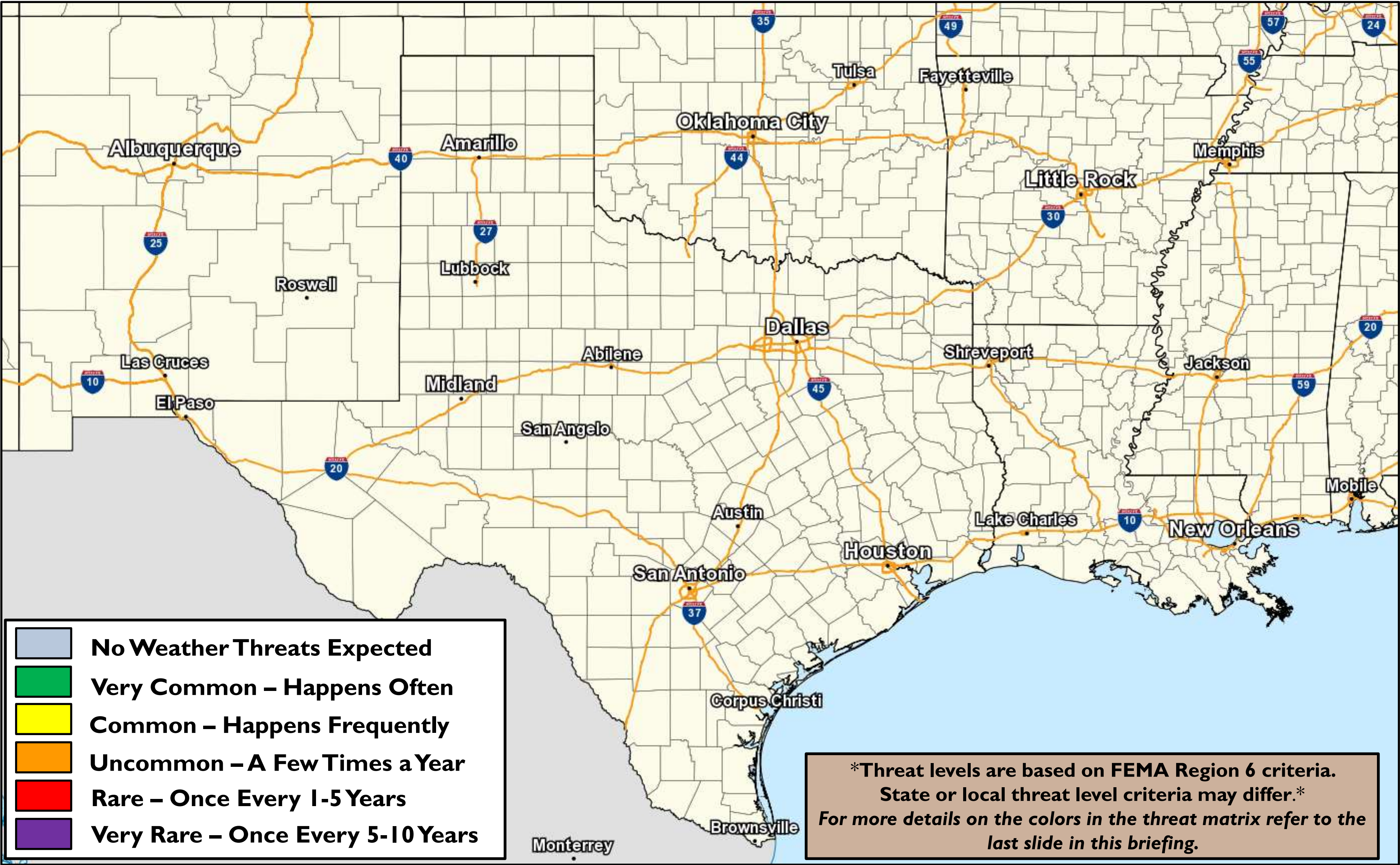
Days 4-5 Weather Hazards

Saturday - Sunday



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No significant weather expected.

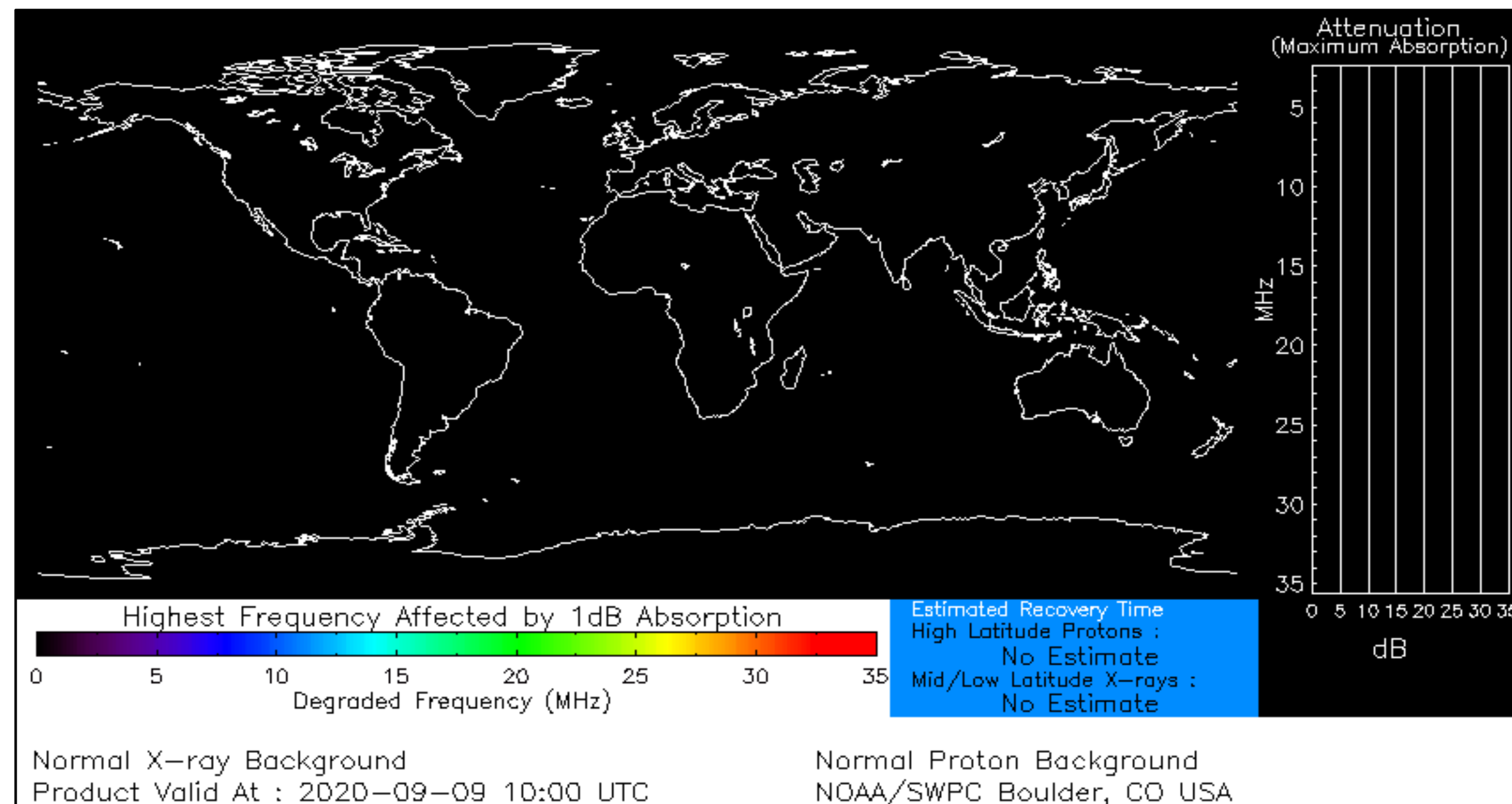


Space Weather 3-Day Forecast



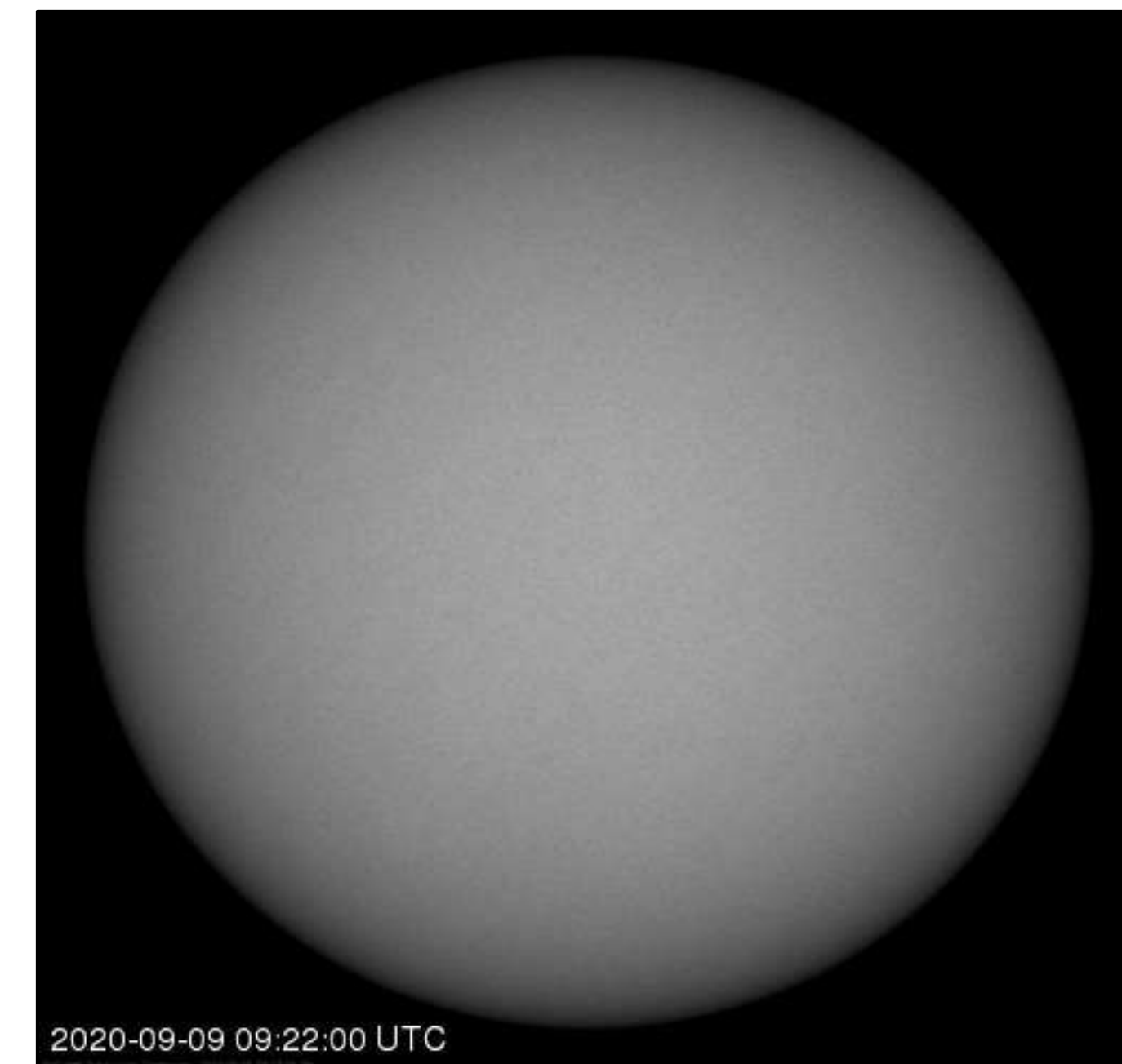
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| | Wednesday | Thursday | Friday |
|--------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Geomagnetic Storms | Quiet (Max Kp = 2) | Quiet (Max Kp = 2) | Quiet (Max Kp = 2) |
| Solar Radiation Storm (S1-S5) | 1% | 1% | 1% |
| Radio Blackout (R1-R2) | 1% | 1% | 1% |
| Radio Blackout (R3-R5) | 1% | 1% | 1% |



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



| Weather “Threat” Matrix | | | |
|-------------------------|--|---|--|
| Color | Definition | Criteria | Example(s) |
| Green | Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines | Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active | <ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX |
| Yellow | Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life | Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook | <ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail |
| Orange | Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life | Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected |
| Red | Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life | Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought | <ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue |
| Purple | Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought | <ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms |

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov